

Table 3-1

**Summary of Data Quality Objectives
Site Investigation
Former Rifle Grenade Range, Parcel 221Q-X,
Fort McClellan, Calhoun County, Alabama**

Users	Data	Conceptual Site Model	Concern	Objectives	Data Types	Analytical Level	Data Quantity
EPA, ADEM USACE, DOD FTMC, IT Corporation, other contractors, and possible future land users	None	<u>Contaminant Source</u> Former Rifle Grenade Range 221Q-X	<u>Surface soil</u>	SI to confirm the presence or absence of contamination in the site media	<u>Surface soil</u> TAL Metals, Perchlorate, and Nitroexplosives	Definitive data in CESAS Level B data packages	3 direct-push soil samples + QC
			<u>Subsurface Soil</u>				
		<u>Migration Pathways</u> Infiltration to subsurface soil, dust emissions and volatilization to ambient air, runoff and erosion to surface water and sediment	<u>Surface Water</u>	Definitive quality data for future decision- making	<u>Subsurface Soil</u> TAL Metals, Perchlorate, and Nitroexplosives	Definitive data in CESAS Level B data packages	3 direct-push soil samples + QC
			<u>Sediment</u>				
		<u>Potential Receptors</u> Groundskeeper (future) Construction Worker (future) Resident (future) Recreational Site User (current and future)			<u>Surface Water</u> TAL Metals, Perchlorate, and Nitroexplosives	Definitive data in CESAS Level B data packages	2 surface water samples + QC
		<u>PSSC</u> Metals, perchlorate, and explosives			<u>Sediment</u> TAL Metals, Perchlorate, Nitroexplosives, TOC, and grain size	Definitive data in CESAS Level B data packages	2 sediment samples + QC

ADEM - Alabama Department of Environmental Management.
CESAS - Corps of Engineers South Atlantic Savannah.
DOD - U.S. Department of Defense.
EPA - U.S. Environmental Protection Agency.
FTMC - Fort McClellan.

PSSC - Potential site specific chemical.
QC - Quality control.
SI - Site inspection.
TAL - Target analyte list.

TOC - Total organic carbon.
USACE - U.S. Army Corps of Engineers.